Met Office Mountain Weather Forecast

Snowdonia National Park

Forecast valid from 00:00 on Tuesday 07 Dec 2021 until 23:59 on Wednesday 08 Dec 2021

Forecast Issued on Monday 06 Dec 2021 at 16:07

Confidence: High confidence for the arrival of Storm Barra on Tuesday with severe gales and a period of heavy snowfall. Lower confidence in the track of Storm Barra on Wednesday and the details of the forecast. High confidence for a return to slightly milder conditions by the end of the week,

Headline for Tuesday 07 Dec 2021: A stormy day with severe gales for North Wales and a period of heavy snowfall above 300m, whiteout conditions possible.

Mountain weather hazards on Tuesday 07 Dec 2021

Blizzards High Likelihood	**Heavy Snow** High Likelihood	**Storm force winds** High Likelihood
Gales High Likelihood	**Severe chill effect** High Likelihood	**Poor visibility** High Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Partly cloudy (night)	Cloudy	Light snow	Heavy snow	Heavy snow	Light snow showers (night)	Heavy snow showers (night)
Precipitation probability							
10%	10%	10%	40%	80%	90%	90%	40%

Forecast for Tuesday 07 Dec 2021

Weather: A brief period of drier clearer conditions overnight for most of the area but feeling very cold with a significant wind chill likely in the fresh westerly winds. A reasonably bright start to the day but winds strengthening soon after dawn and cloud beginning to thicken from the west. A band of sleet and snow will spread across the area accompanied by severe gales and storm force gusts on higher peaks, snow is likely above 200m with a mix of rain and sleet at valley level. This will result in whiteout conditions at times by late morning, a severe wind chill is expected in the wintry conditions. Although the main snow band will clear through by mid afternoon, wintry showers are soon expected, again accompanied by some storm force gusts.

Chance of cloud free mountain/hill tops above 800m: 90% falling to 10% associated with the band of snow crossing the area. There will be further breaks in the cloud later in the day but these may be hard to find if showers group together.

Visibility: Initially visibility will be good however it will rapidly deteriorate as low cloud develops over the tops and sleet and snow spread across the areas with overcast cloud expected above 300m. Very poor or whiteout conditions are likely at times as snow moves through. Brief periods of better visibility are likely by mid to late afternoon but any snow showers will soon cause it to deteriorate again.

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Mountain Weather Forecast

Forecast for Tuesday 07 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	23/27 W	16/19 SW	30/36 SE	52/63 SE	60/74 SE	45/56 S	54/68 S	53/66 S	40/51 S
600	14/19 W	12/15 S	22/30 SE	37/48 SE	47/61 SE	32/42 S	41/55 S	39/52 S	29/40 S
300	8/17 W	8/13 S	14/25 SE	26/44 SE	34/54 SE	21/38 S	28/49 S	28/48 S	19/35 S
Valley	8/17 W	8/14 S	14/26 SE	27/44 SE	34/55 SE	21/37 S	28/48 S	28/48 S	19/35 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-2/-8	-2/-10	-2/-14	-1/-12	-0/-10	-1/-12	-1/-12	-1/-10
600	0/-5	0/-4	0/-6	0/-8	1/-9	2/-5	1/-7	1/-7	1/-6
300	3/-1	2/-1	2/-3	2/-4	2/-5	4/-1	4/-3	3/-3	4/-2
Valley	4/1	3/0	3/-2	4/-2	4/-3	6/1	5/-1	5/-2	5/0
Freezing Level*	500m	400m	400m	400m	700m	900m	700m	700m	800m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extremely hazardous conditions on Tuesday with storm force gusts likely, particularly around mid afternoon, 90mph will be likely higher on Snowdon. Note the extreme wind chill. Winds are also likely to cause blizzards or white out conditions at times.

Forecast for Wednesday 08 Dec 2021

Weather: A stormy start to Wednesday with frequent snow showers above 800m and southwesterly gales continue overnight. This will continue for much of the day with some showers turning heavy and a risk of thunder too, showers will turn to sleet or rain below 800m by the end of the day. Winds will gradually ease during the afternoon.

Maximum wind: Southwesterly 30 gusts 40mph gradually easing and becoming northwesterly 20-30mph later.

Chance of cloud free mountain/hill tops above 800m: 20% associated with frequent showers during the day, a few brighter spells but these will be hard to find.

Visibility: Cloud is likely to be broken or overcast above 400m with some patchy cloud below this, particularly in the west.

Temperature: **Valleys:** Plus 4 Celsius.
At 800m: Minus 1 rising to Plus 1 Celsius by evening.
Freezing level: 600m rising to 900m

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Ground Conditions Supplement
Please see - https://www.eryri.llyw.cymru/visiting/walking/ground-conditions
Issued at: 1607 on Mon 06 Dec 2021

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